

Fig. 1

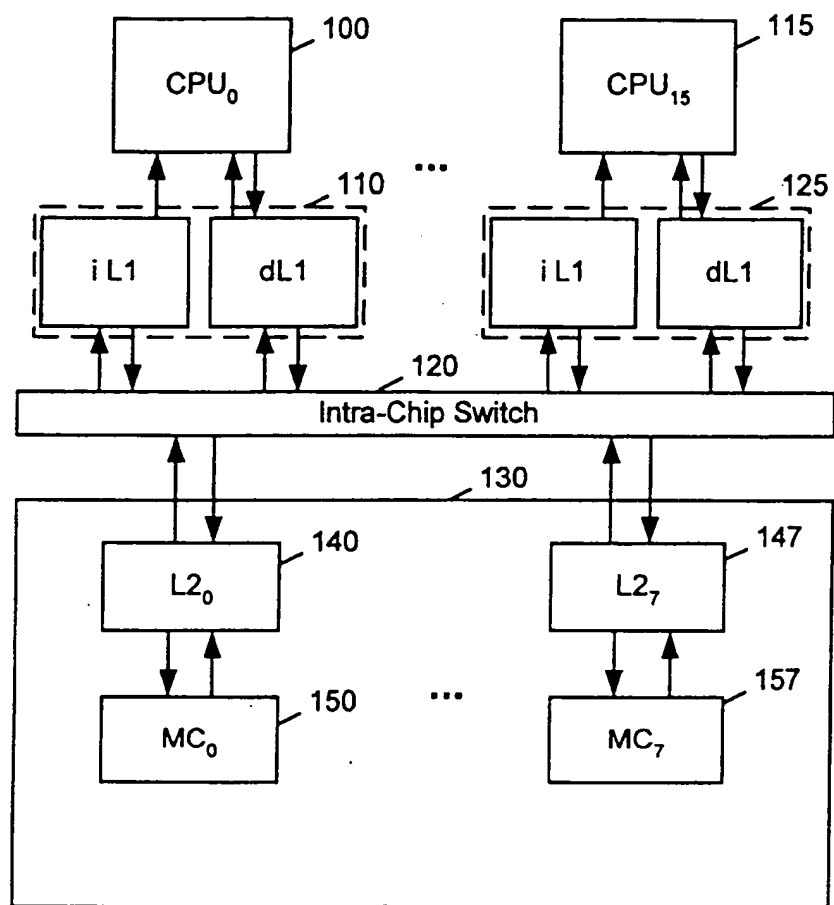


Fig. 2

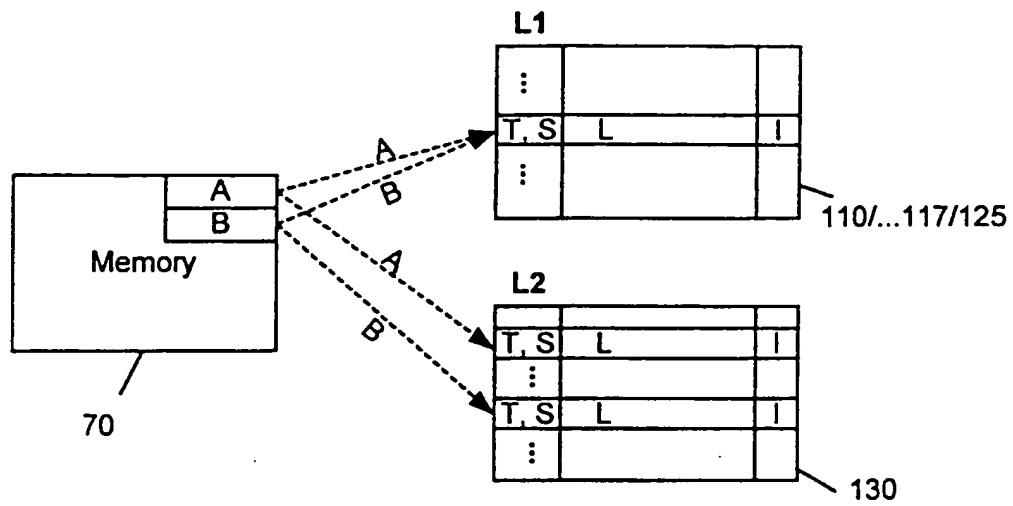


Fig. 5A

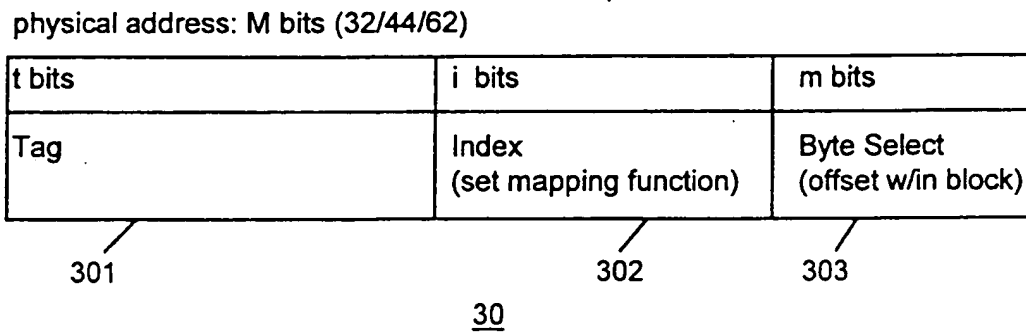
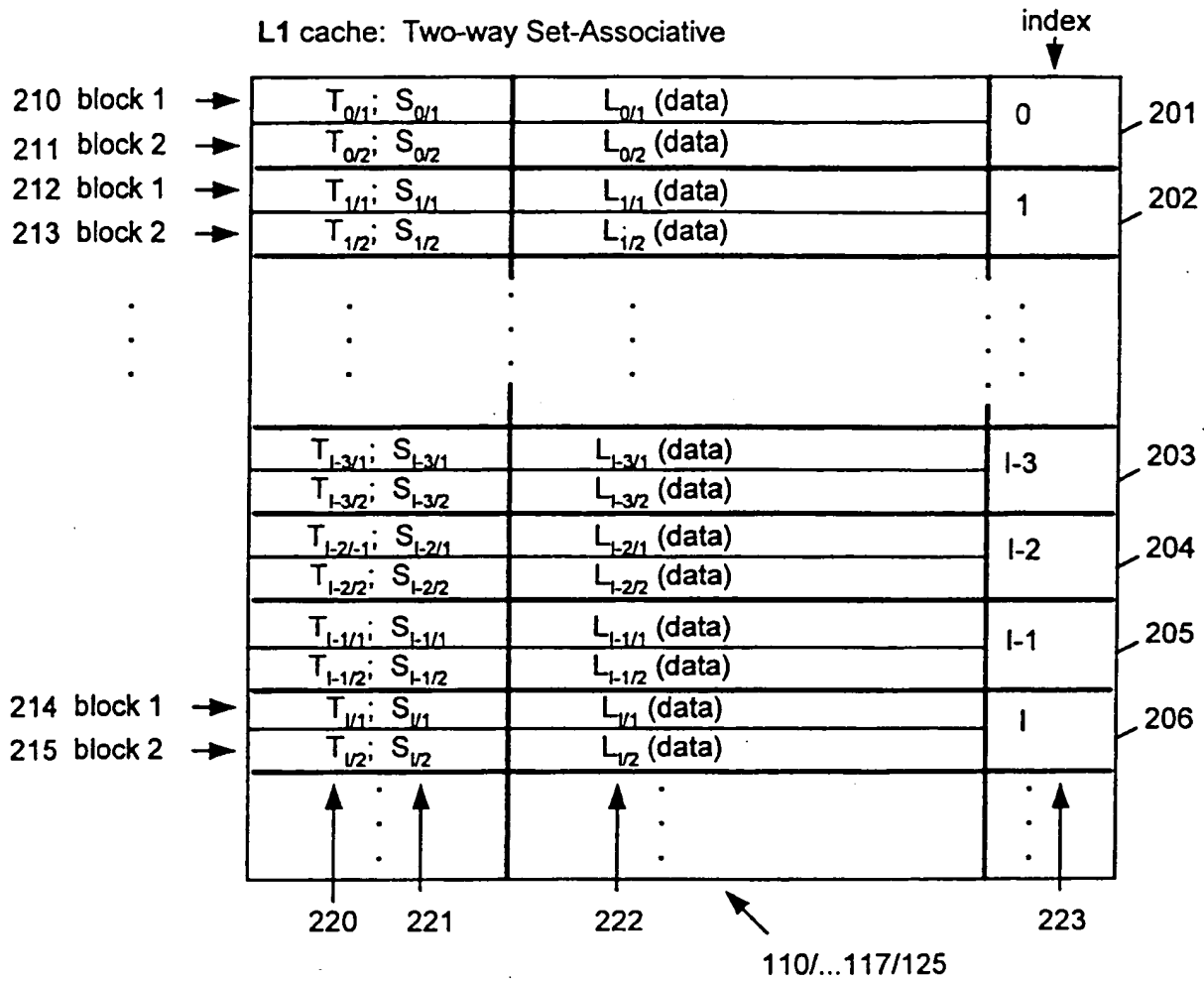


Fig. 3



T=Tag  
S=State

**Fig. 4**

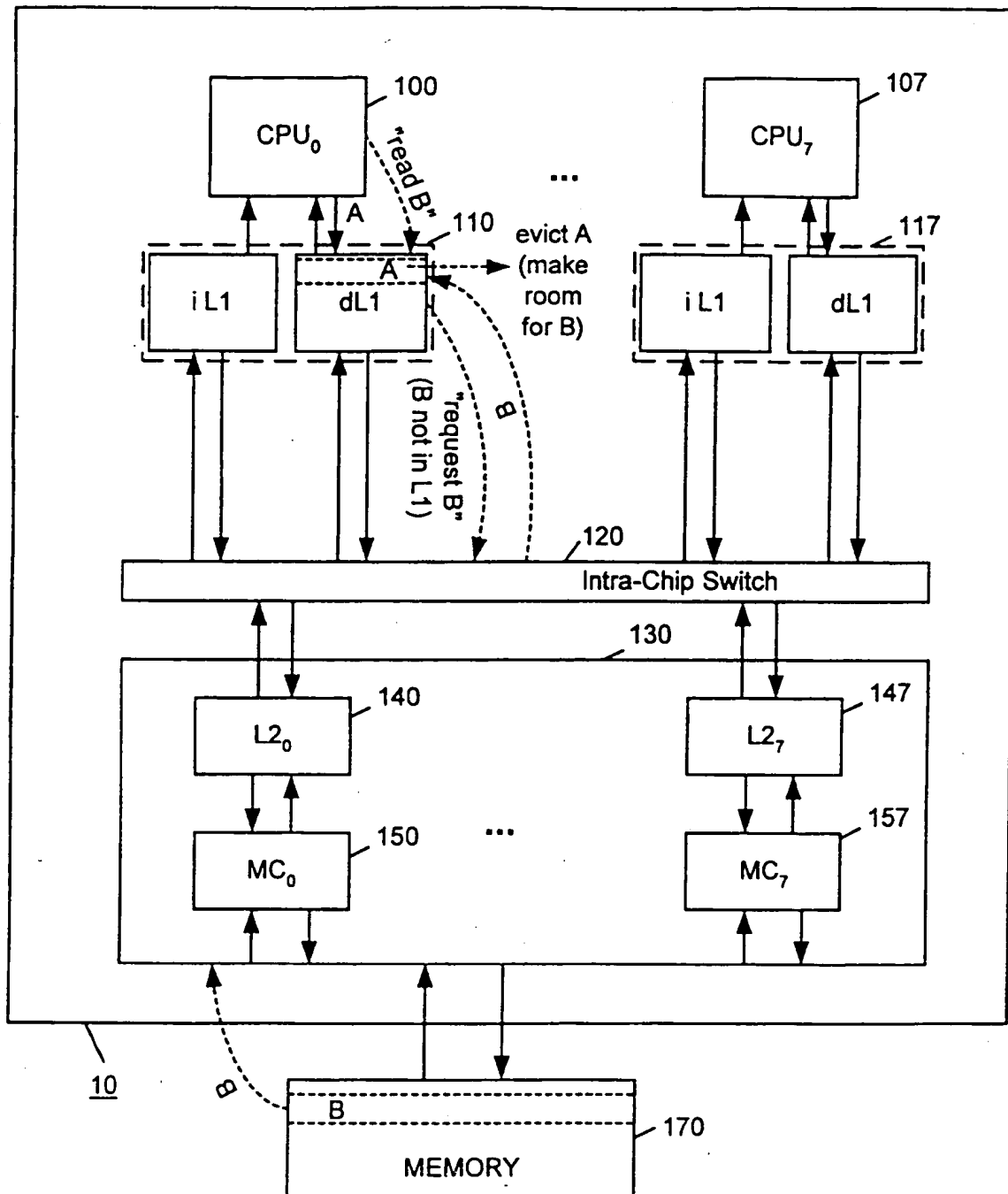
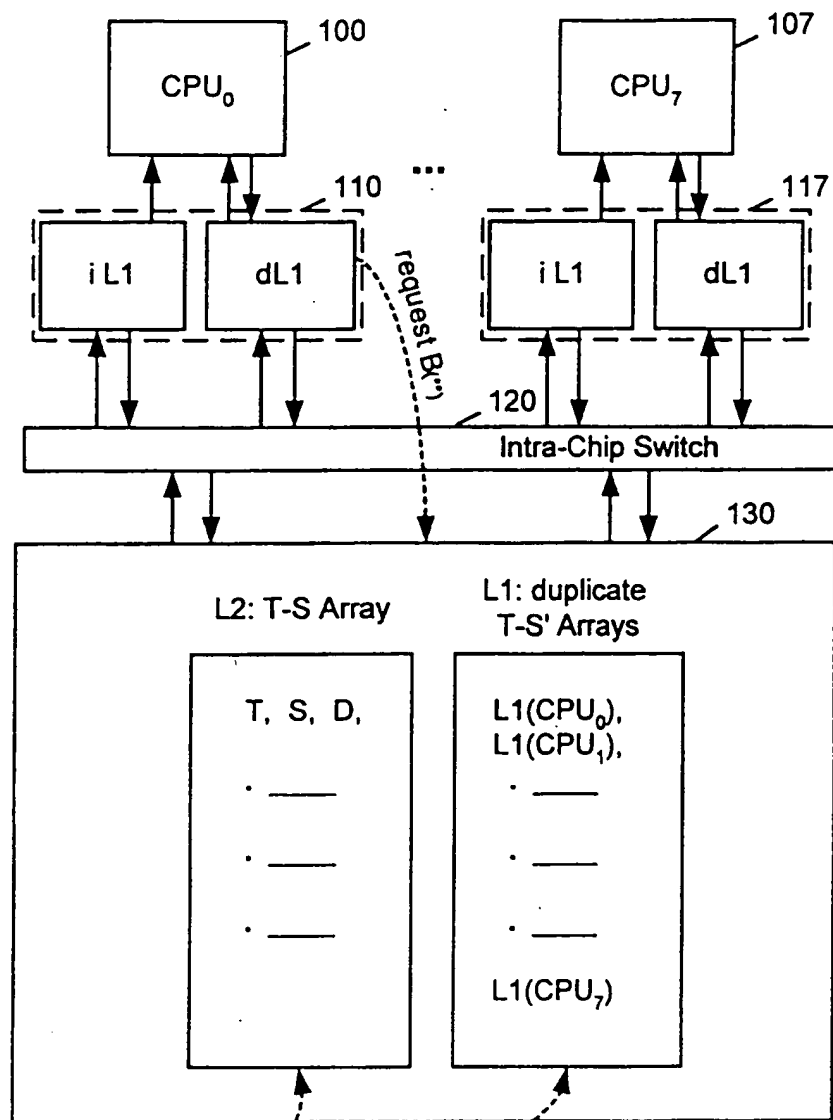


Fig. 5B



(\*\*) Look for B in L2:T-S Array and L1:T-S-Arrays Simultaneously

Fig. 6

## L2 Cache: Data Structure

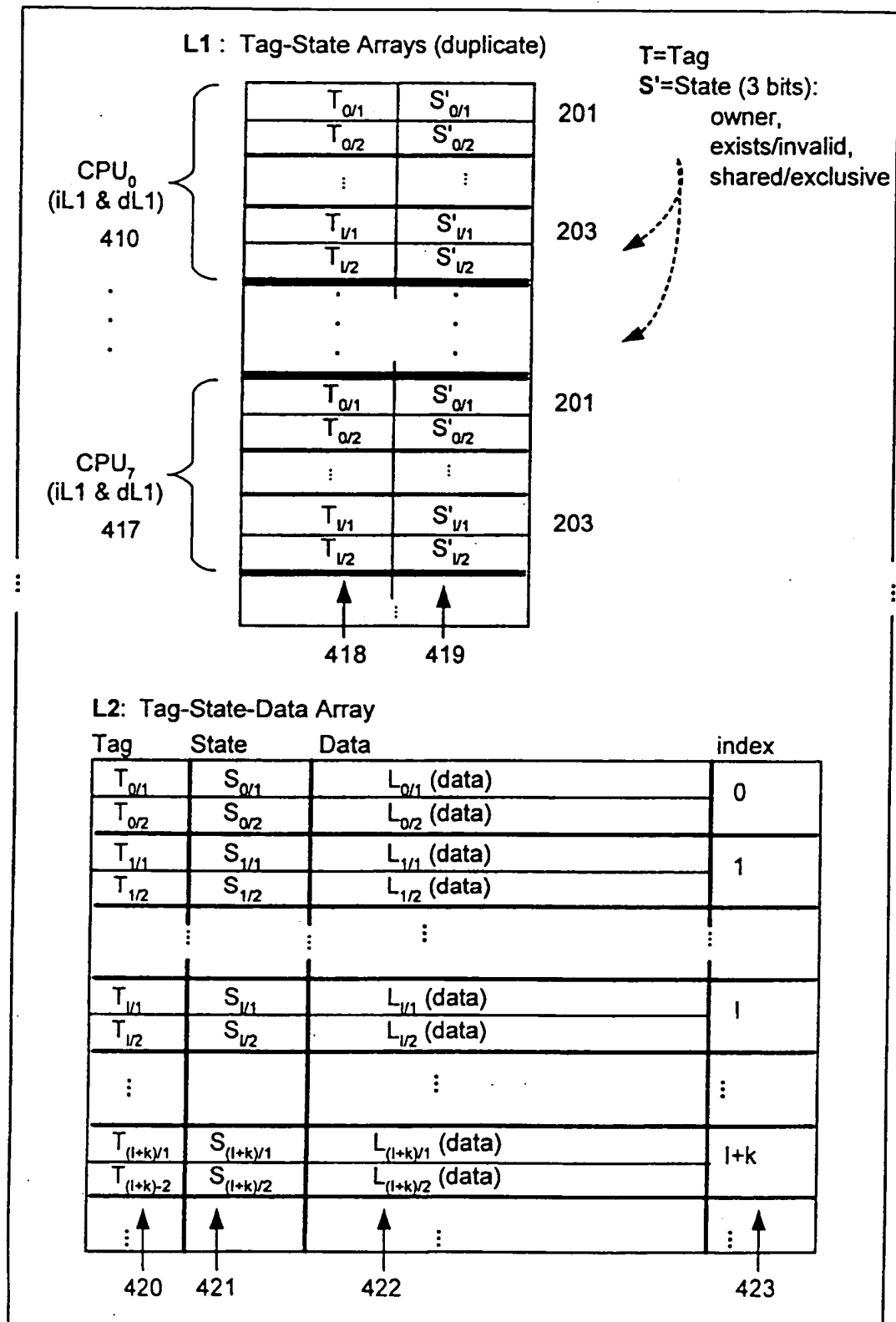


Fig. 7